

FOOTSD-5264262

mrg3 LCPIWYHCHRPEHTSTMCAVIWVLSLLICILNSYFCGFLNTQYKNENGCLALNFFTAAYLMFLFVVLCLSSIALVA
 mrg4 LCPIWYHCHRPEHTSTMCAAIWVLSLLICILNSYFCGVLHTRYDNDNGCLATNIFTASYMIFLLVVLCLSSIALLA
 mrg5 LCPIWYHCHRPEHTSTMCAVIWVLSLLICILDGFCGYLDNHYFNYSVCQAWDIFIGAYPMFLFVVLCLSTLALLA
 mrg6 LCPIWYHCHRPEHTSTMCAVIWVLSLLICILNSYFCGFLNTQYKNENGCLALSFFTAAYLMFLFVVLCLSSIALVA
 mrg7 LCPTWYRCHRPVHTSTMCAVIWVLSLLICILNSYFCVAVLHTRYDNDNECLATNIFTASYMIFLLVVLCLSSIALLA
 mrg8 LCPIWYRCHRPHTSTMCAVIWVLSLLICILNRYFCDFGPKYEINSVCOASEFFIRIYPIFLFVVLCFSTLTLLA
 Human1 LWPIWYRCHRPHTLSAVVCVLLWALSLLRSILEWMLCGFLFSGA-DSAWCQTSDFITVAWLIFLCVVLGSSSLVLLI
 Human2 LWPIWYRCRRPRHLSAVVCVLLWALSLLLSILEGKFCGFLFSDG-DSGWCQTFDEITAAWLIFLFWVLGSSSLALLV

mrg3 RLFCGTGQIKLTRLYVTIMLSILVFLLCGLPFGIHWELLFKIKDDHFVFDLGFYLASVWLTAINSCANPIIYFFVVG
 mrg4 RLFCGAGQMKAYQFHVTTLLTLVFLLCGLPIAIYCELLFKIKGDFHVDVNLVLALEVLTAINSCANPIIYFFVVG
 mrg5 RLFCGARNMKFTRLFVTIMLTVLVFLLCGLPWGITWELLFWIAPGVFVPDYSPLL---VLTAINSCANPIIYFFVVG
 mrg6 RLFCGARNMKFTRLFVTIMLTVLVFLLCGLPWGITWELLFWIAPGVFVLDYSPLL---VLTAINSCANPIIYFFVVG
 mrg7 RLFCGAGQMKLTRFHVTTLLTLVFLLCGLPFVIYICILLFKIKDDHFVLDVNLVLALEVLTAINSCANPIIYFFVVG
 mrg8 RLFCGAGKKKFTRLFMTIMVTILVFLLCGLPLGLFWLLPWIEGGFSILDYRFFLASLVLTAINSCANPIIYFFVVG
 human1 RILCGSRKIPLTRLYVTILLTLVFLLCGLPFGIQFELFWIHVDREVLFCHVHLVSIFLSALNSCANPIIYFFVVG
 human2 RILCGSRGLPLTRLYLTILLTLVFLLCGLPFGIQWELIWIWKDSDVLFCHHPVSVVLSINSCANPIIYFFVVG

FIG. 1

[illegible]

mrgr3
 mrgr4
 mrgr5
 mrgr8
 mrgr9
 mrgr10
 mrgr11
 mrgr12

mrg3	L	T	R	L	L	V	S	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V
mrg4	L	T	R	L	L	V	T	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V
mrg5	F	T	R	L	L	V	T	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V
mrg8	F	T	R	L	L	V	T	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V
mrg9	F	T	R	L	L	V	T	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V
mrg10	L	T	R	L	L	V	T	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V
mrg11	F	T	R	L	L	V	T	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V
mrg12	F	T	R	L	L	V	T	L	V	F	V	F	G	V	F	F	I	H	R	F	L	F	K	F	D	D	H	H	V	F	P	L	G	F	V	L	A	S	V	L	V

[illegible]

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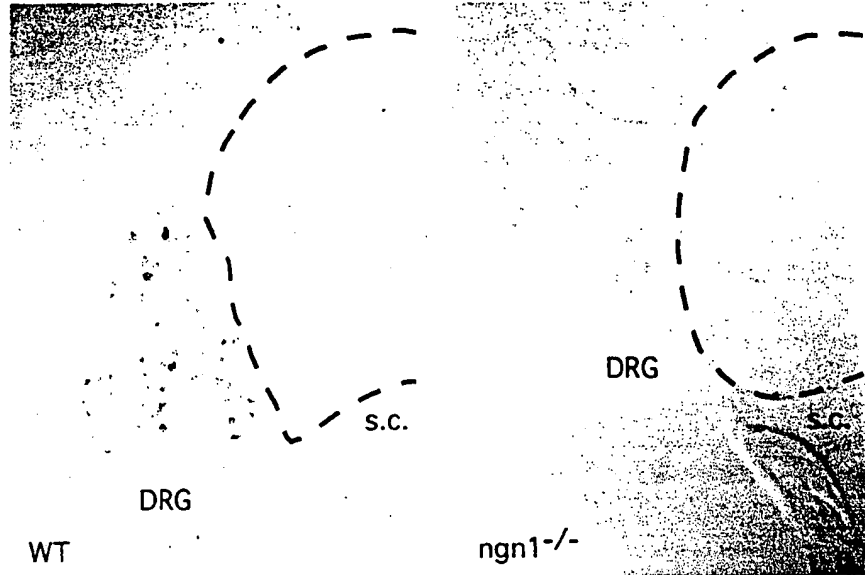
TOP OF SHEET

mr93	S	K	A	E	P
mr94	N	K	A	E	P
mr95	N	K	A	E	P
mr98	S	K	A	E	P
mr99	N	I	P	K	S
mr910	N	K	A	E	L
mr911	I	K	A	E	O
mr912	S	K	A	E	P

FIG. 1A₃

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mrg3



mrg4

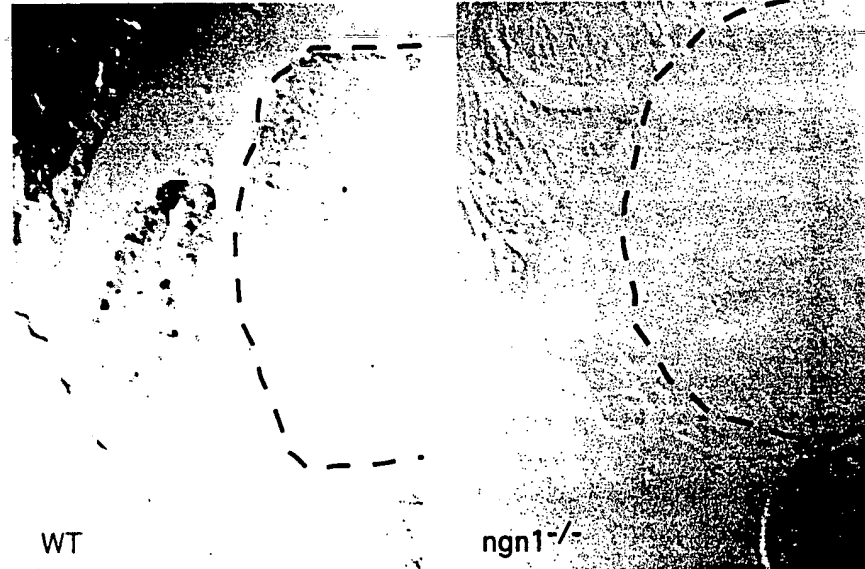
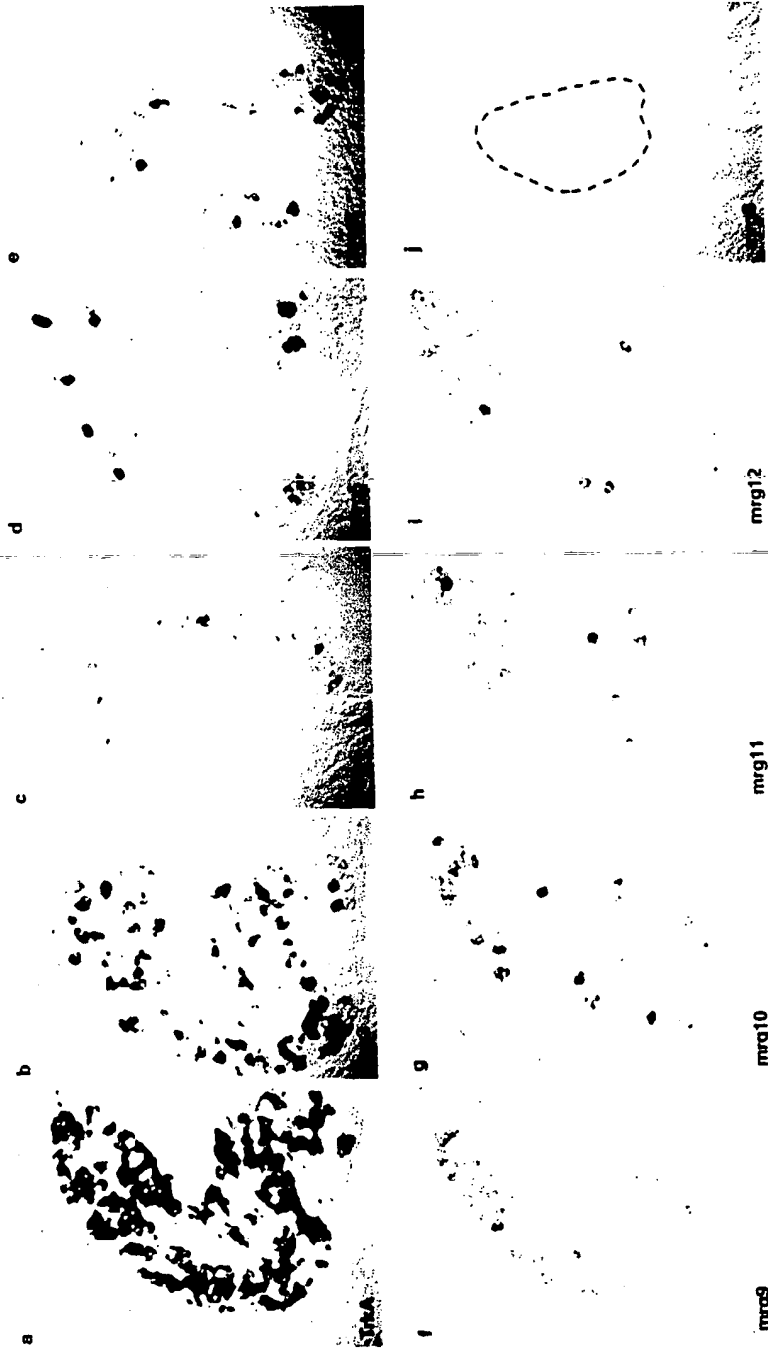


FIG. 2

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05649865 091001



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FOOTNOTES: 99064950

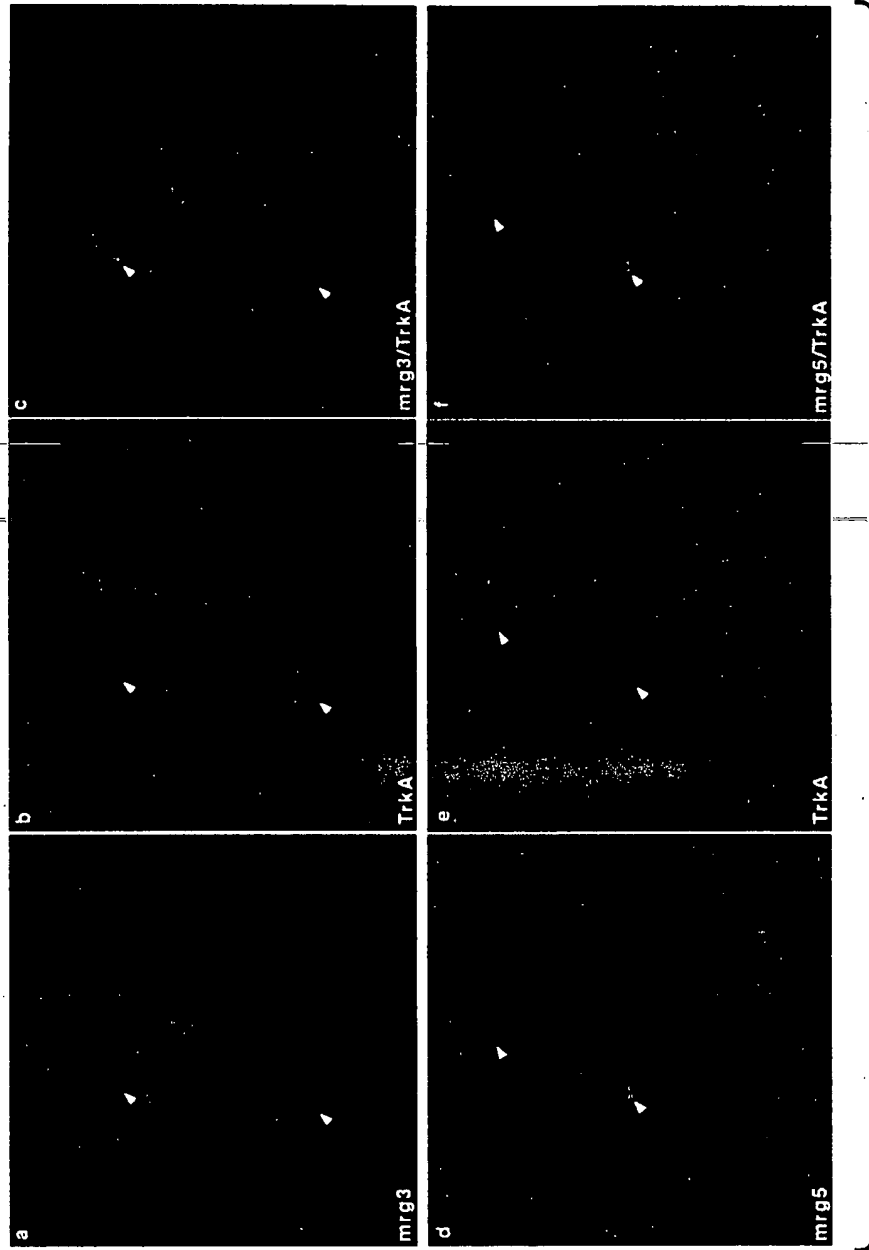


FIG. 2B

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FIG. 20

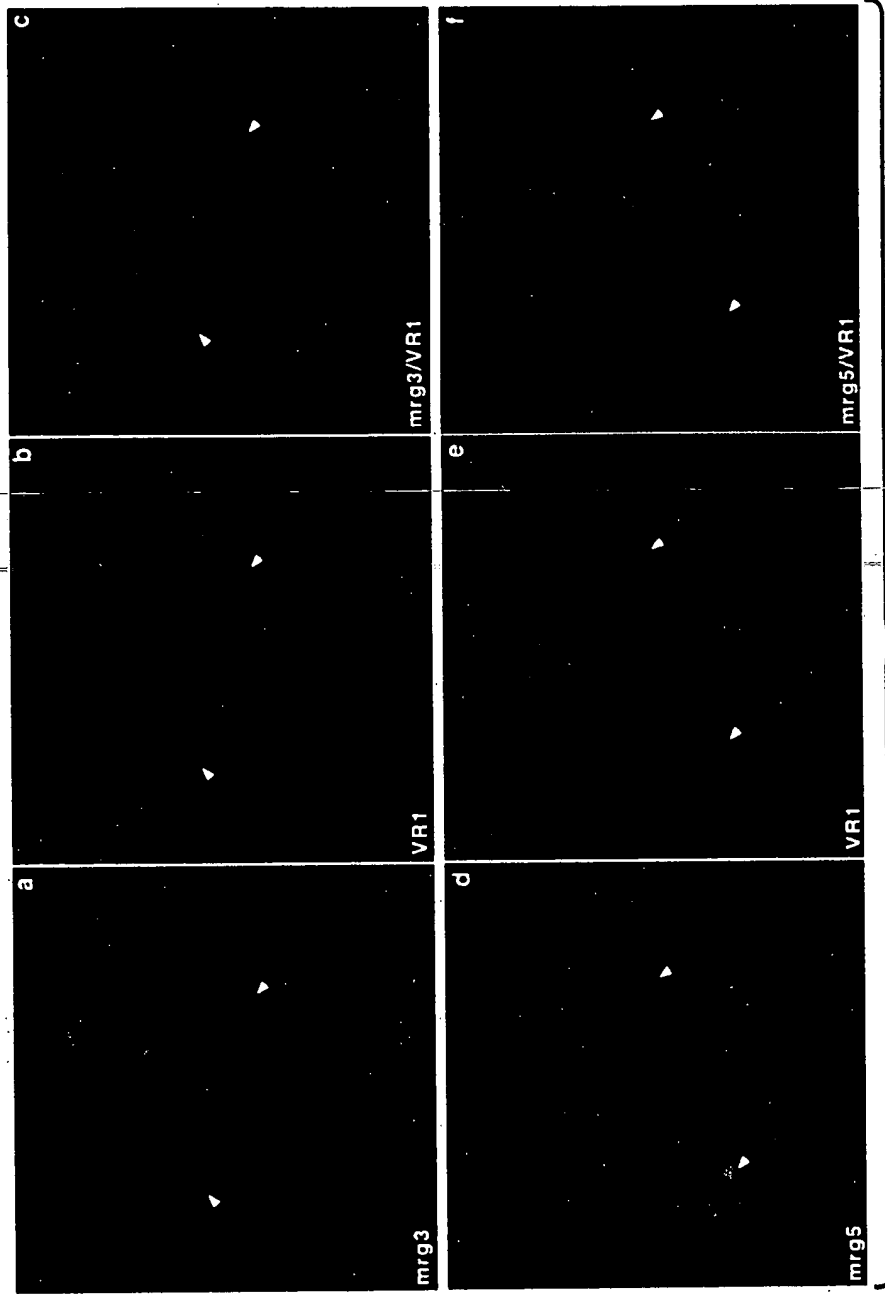


FIG. 20

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FOOT 50" 59254250

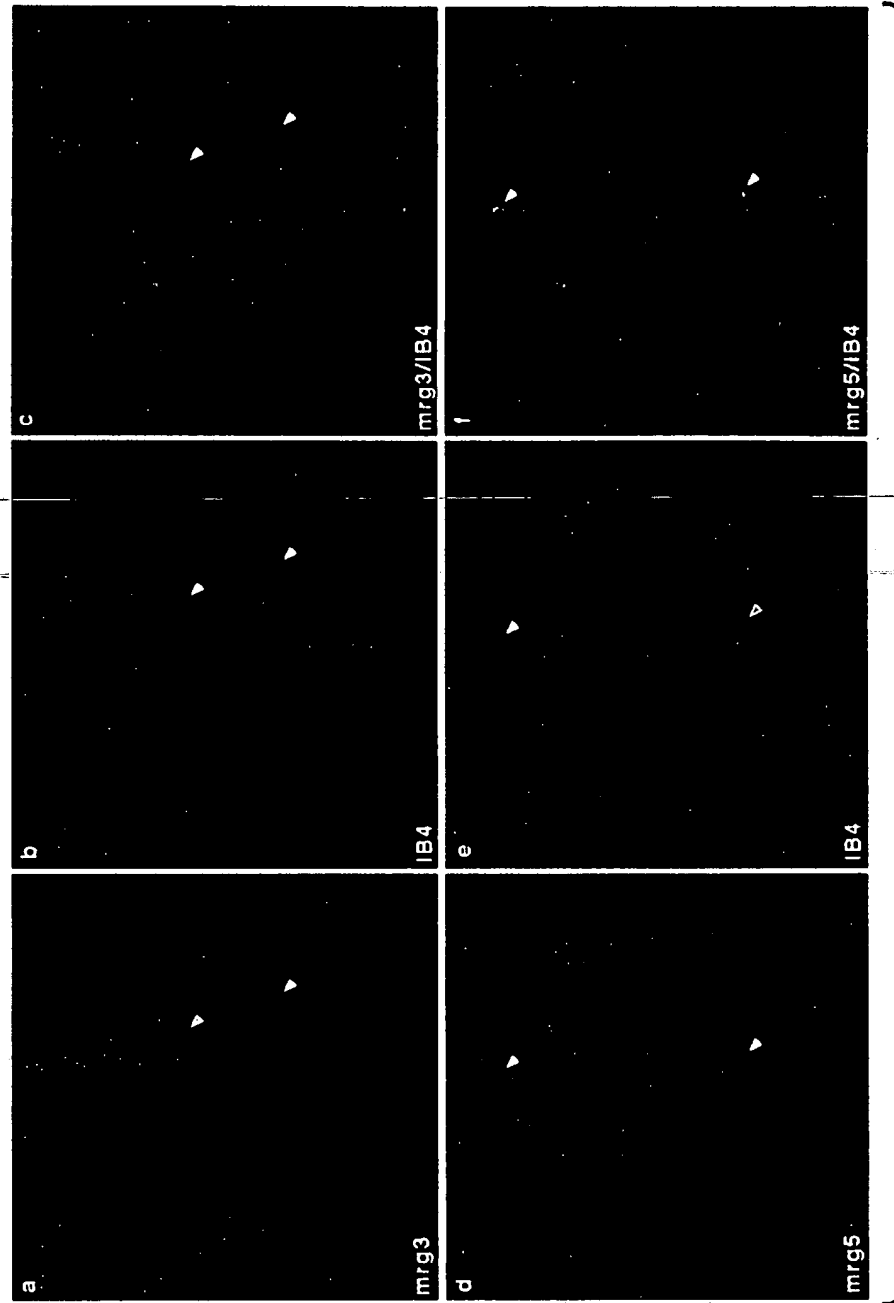


FIG. 2D

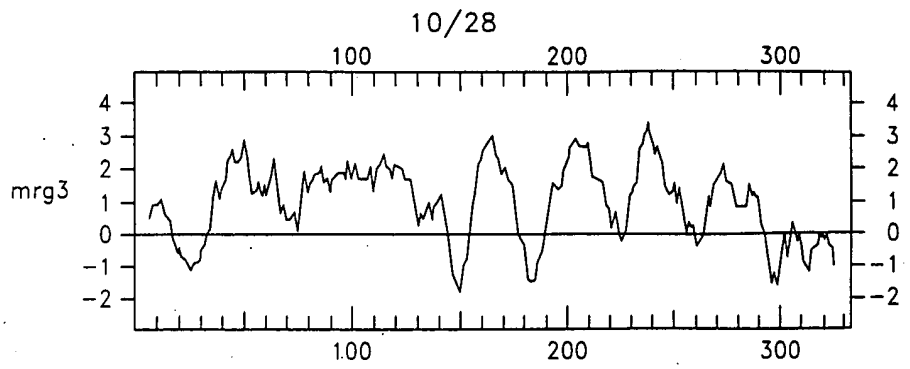


FIG. 3A

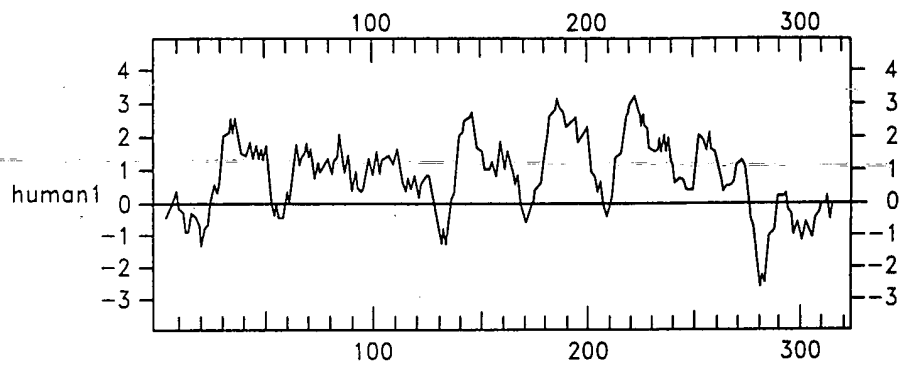


FIG. 3B

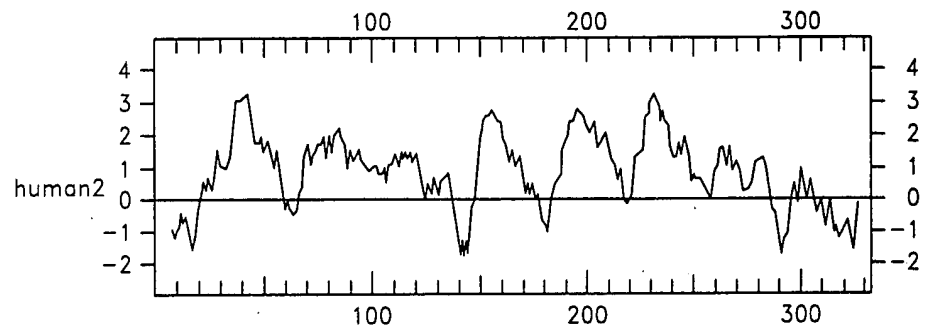


FIG. 3C

00045000 001001

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mouse drg12

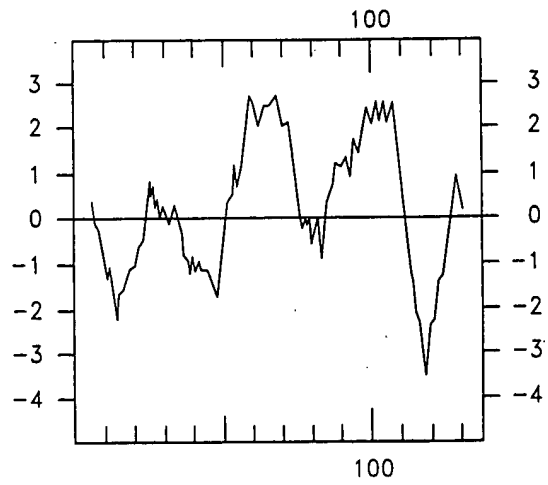


FIG. 4A

human drg12

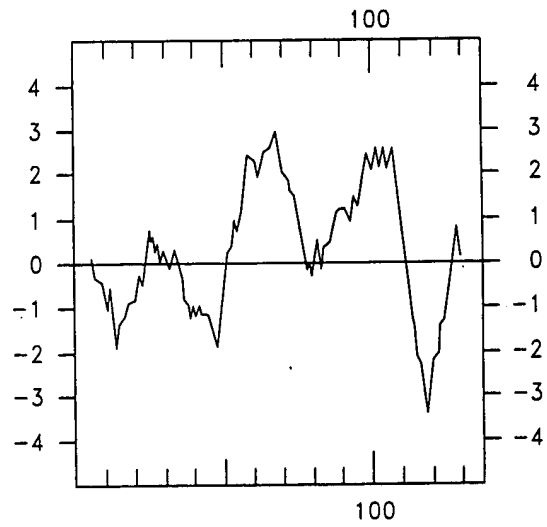


FIG. 4B

FOOTED: 6934953

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T00T60° 99861850

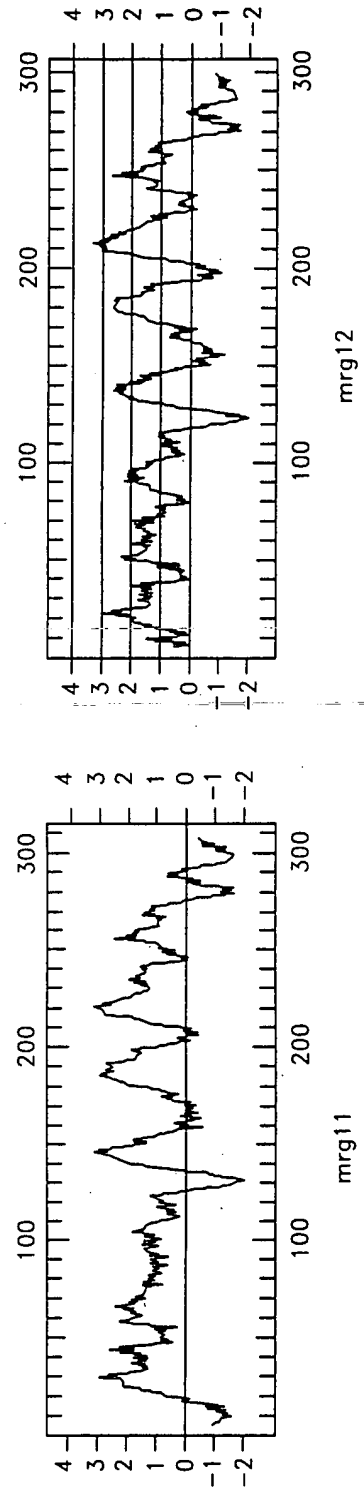
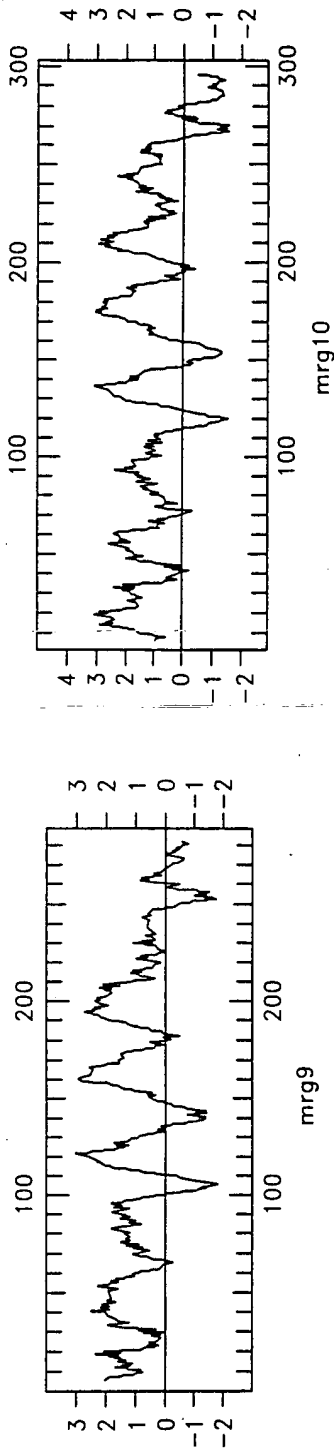


FIG. 5

THE UNIVERSITY OF CHICAGO

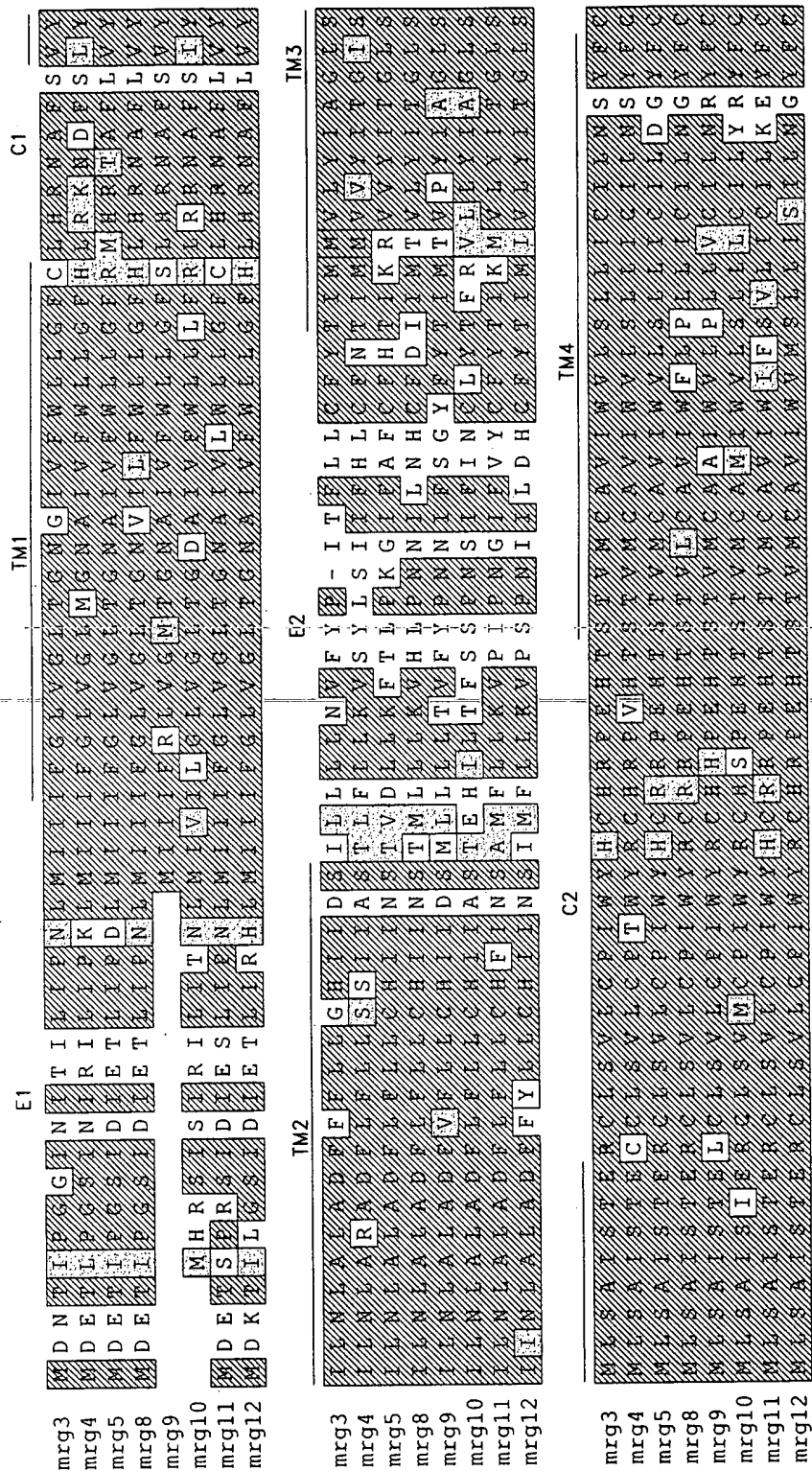


FIG. 6A,

TOPTSD 69064260

mr93	S	N	N	S	N	N	I	P	K	P	L	Q
mr94	K	A	E	E	E	E	E	E	E	E	E	E
mr95	K	A	E	E	E	E	E	E	E	E	E	E
mr98	K	A	E	E	E	E	E	E	E	E	E	E
mr99	K	A	E	E	E	E	E	E	E	E	E	E
mr910	K	A	E	E	E	E	E	E	E	E	E	E
mr911	K	A	E	E	E	E	E	E	E	E	E	E
mr912	K	A	E	E	E	E	E	E	E	E	E	E

FIG. 6A₃

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00049869.001001

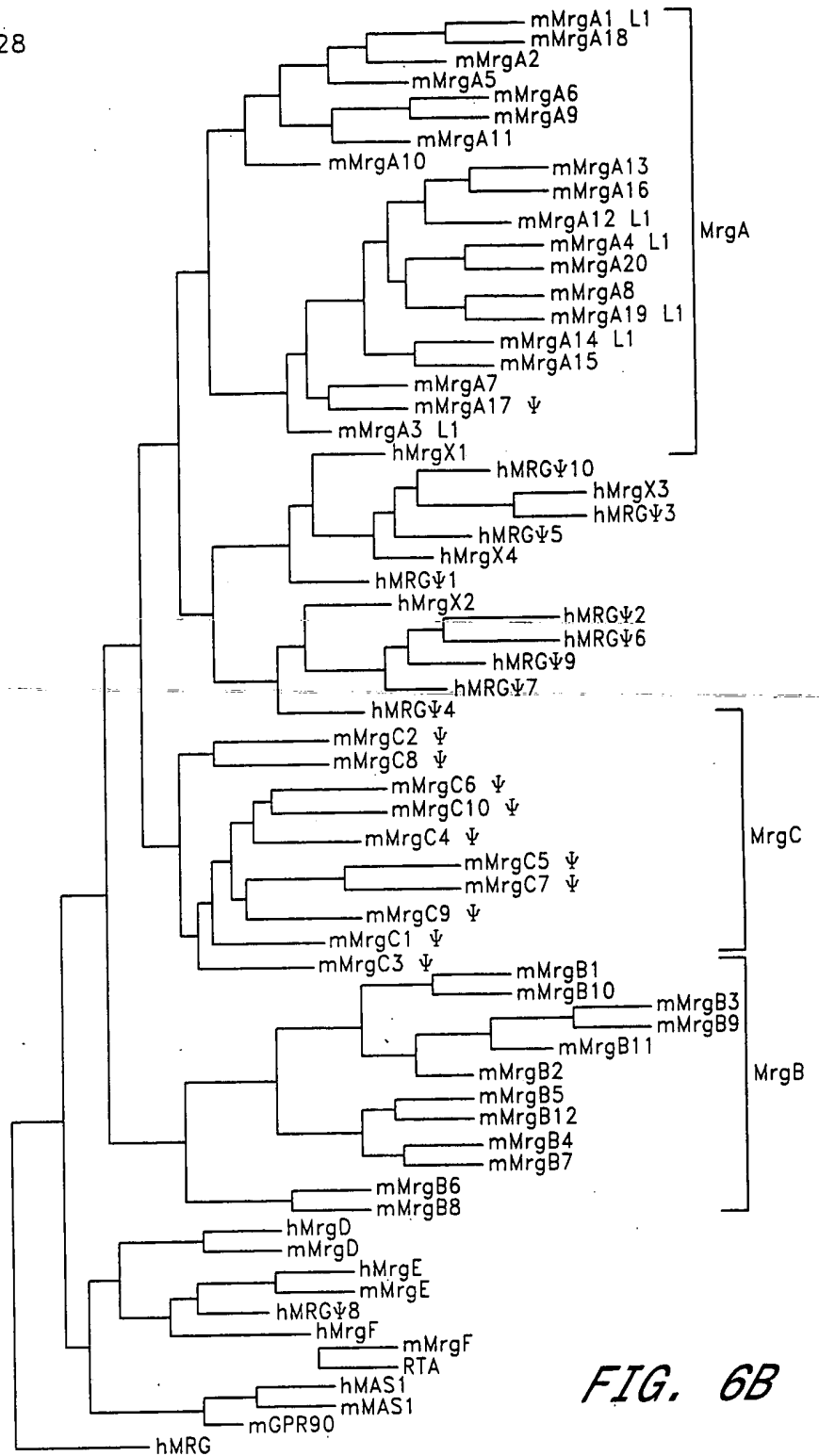


FIG. 6B

FIG. 6C

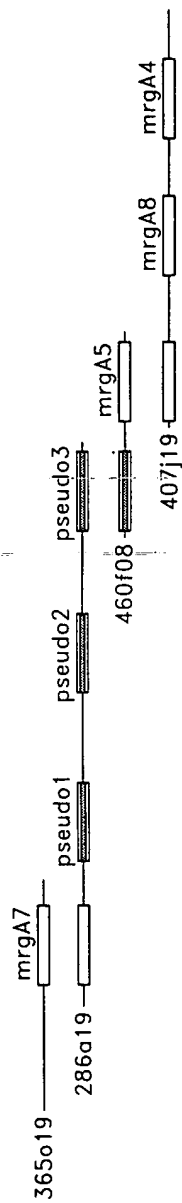


FIG. 6C

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FOOTED-5926492

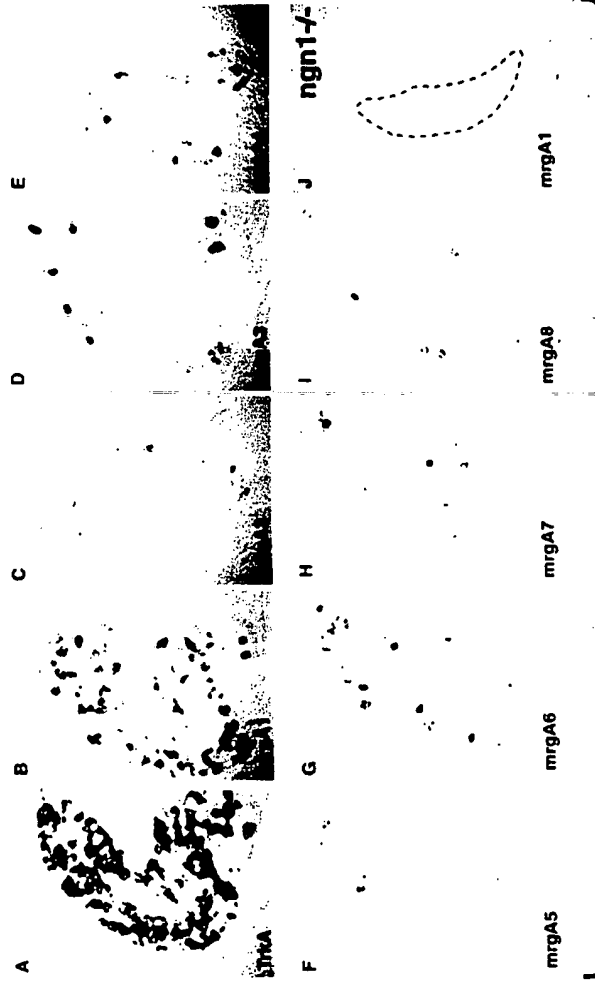


FIG. 7

00000000-00000000

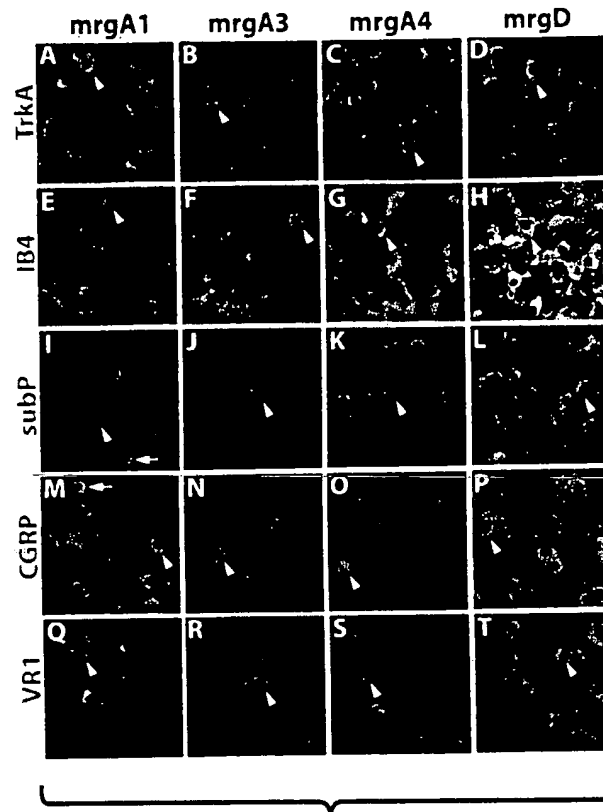


FIG. 8

FIG. 9

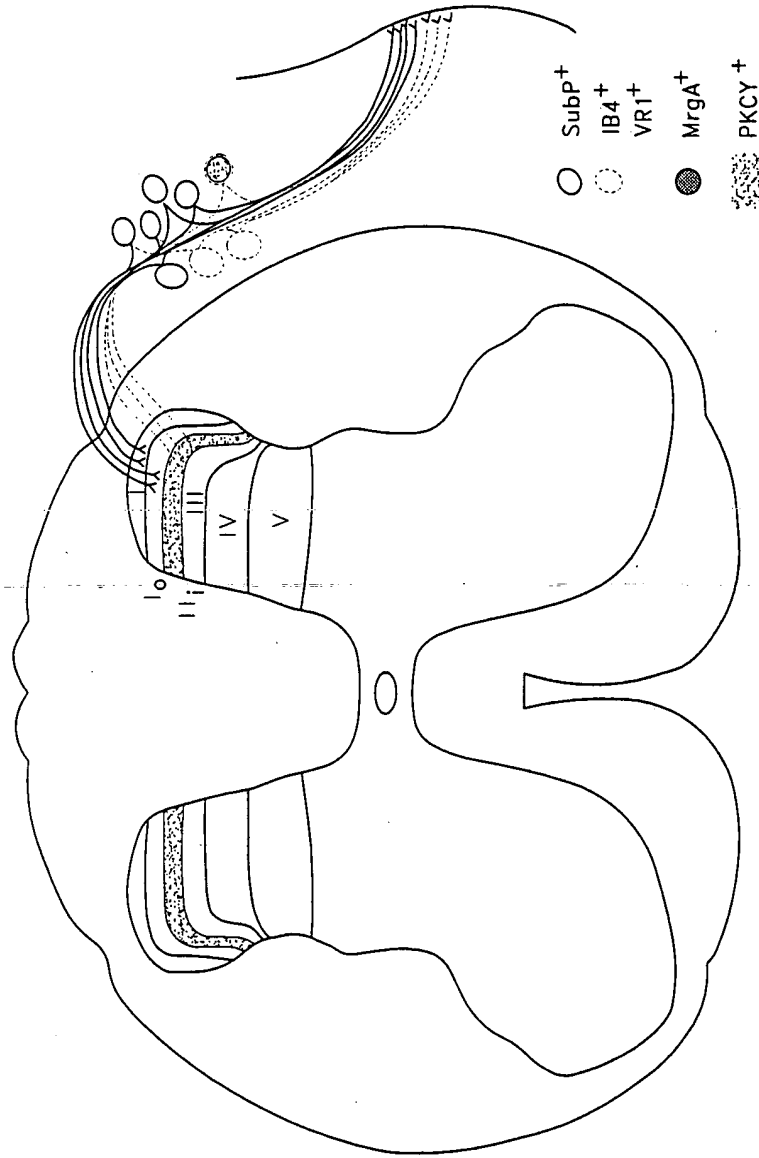


FIG. 9

004966-021001

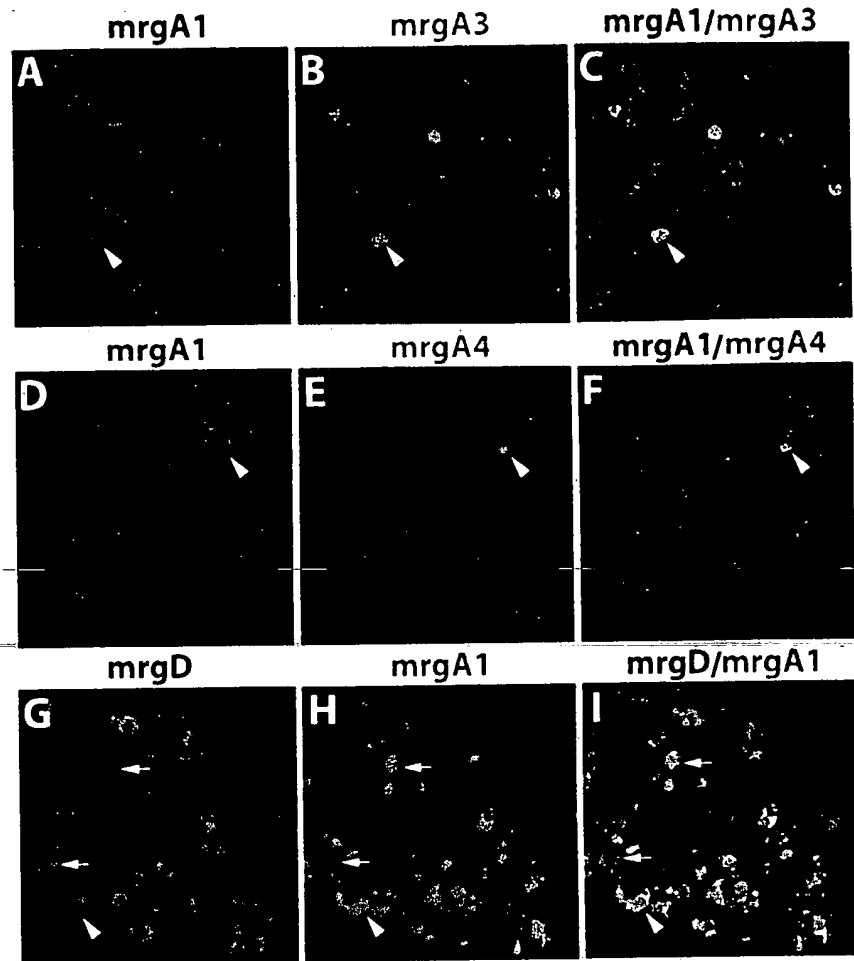


FIG. 10

09849869-091001

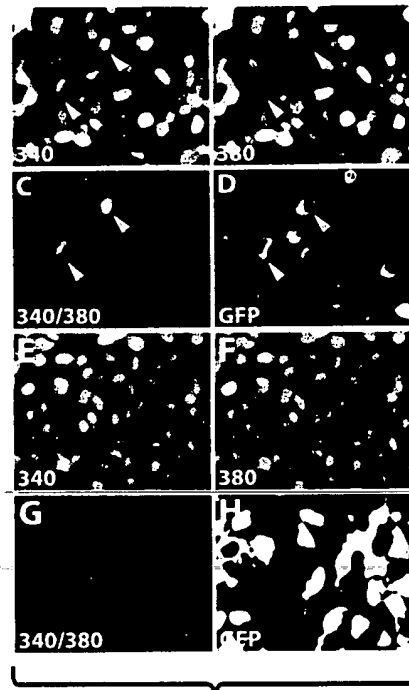


FIG. 11

0045869-091001
100160-69864260

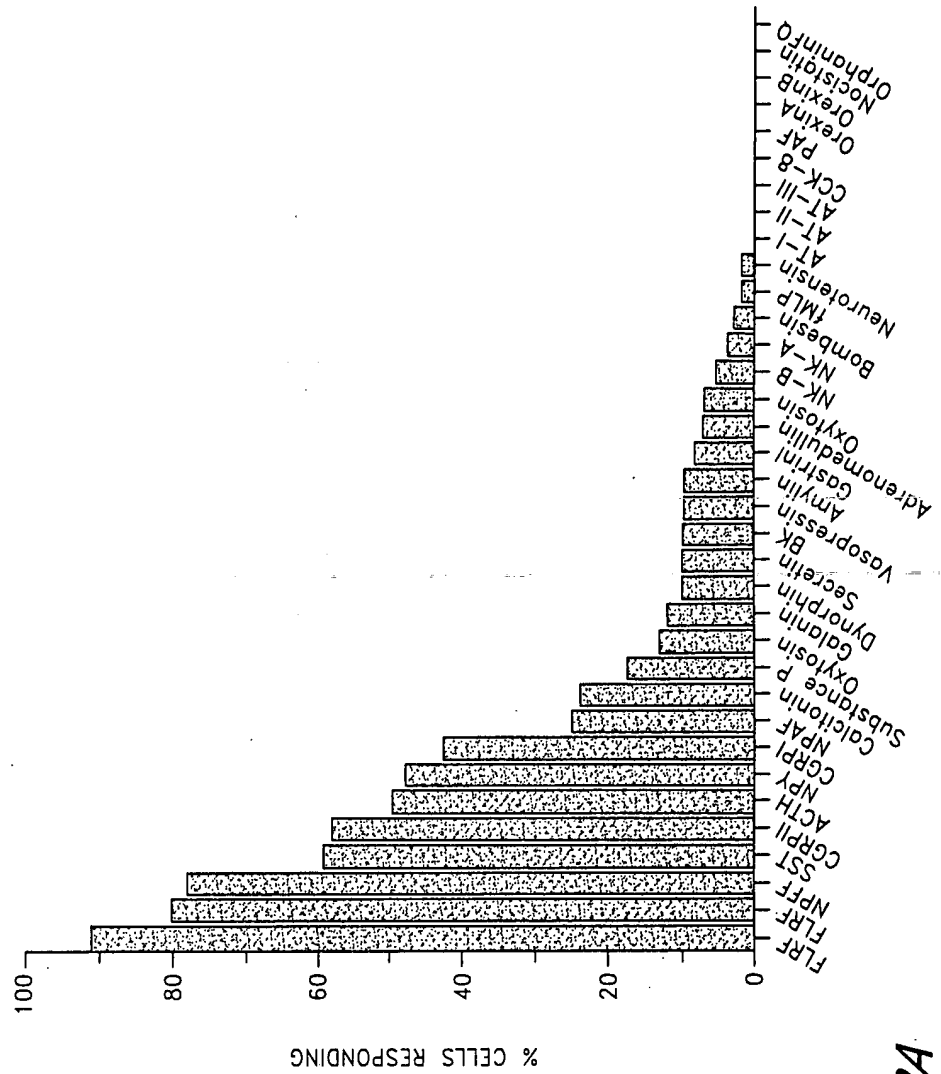


FIG. 12A

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0949855-01001
100760-59864860

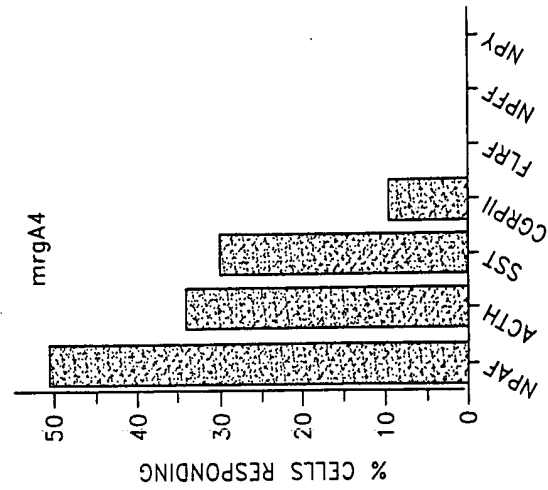


FIG. 12C

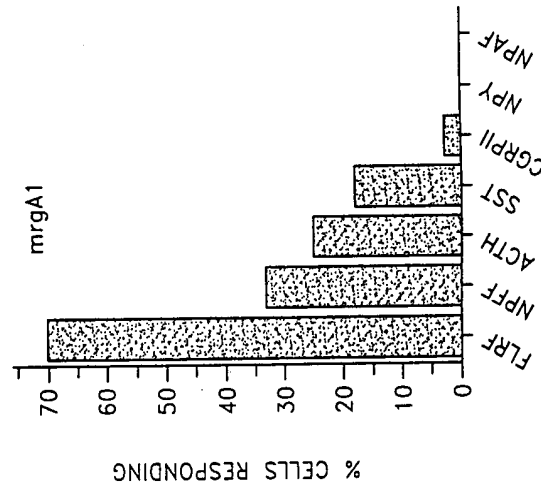


FIG. 12B

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FOOTED 69864860

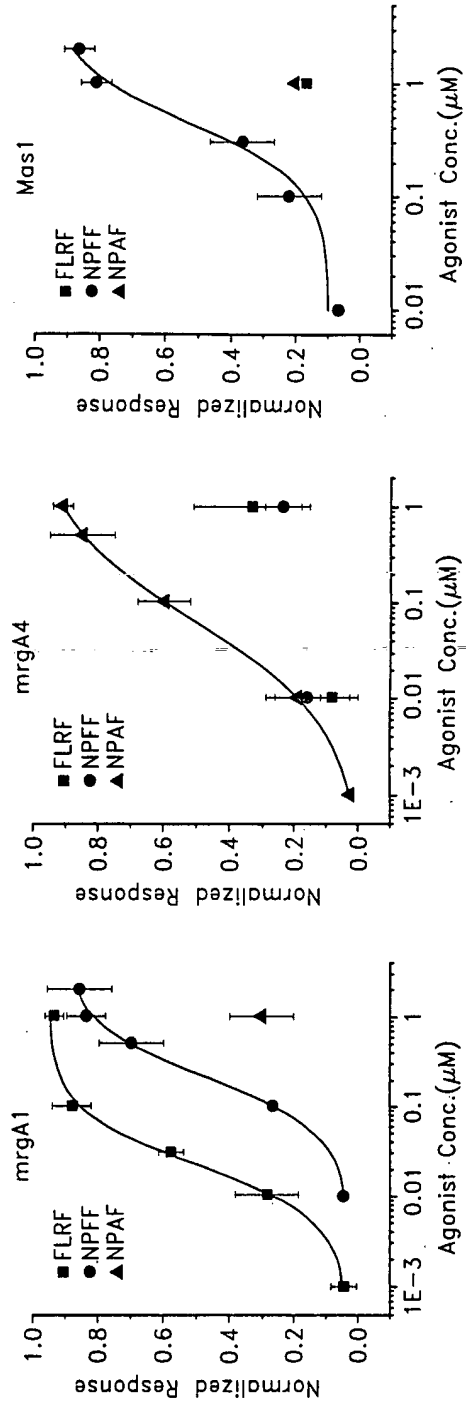


FIG. 12D

FIG. 12E

FIG. 12F

mMrgB1

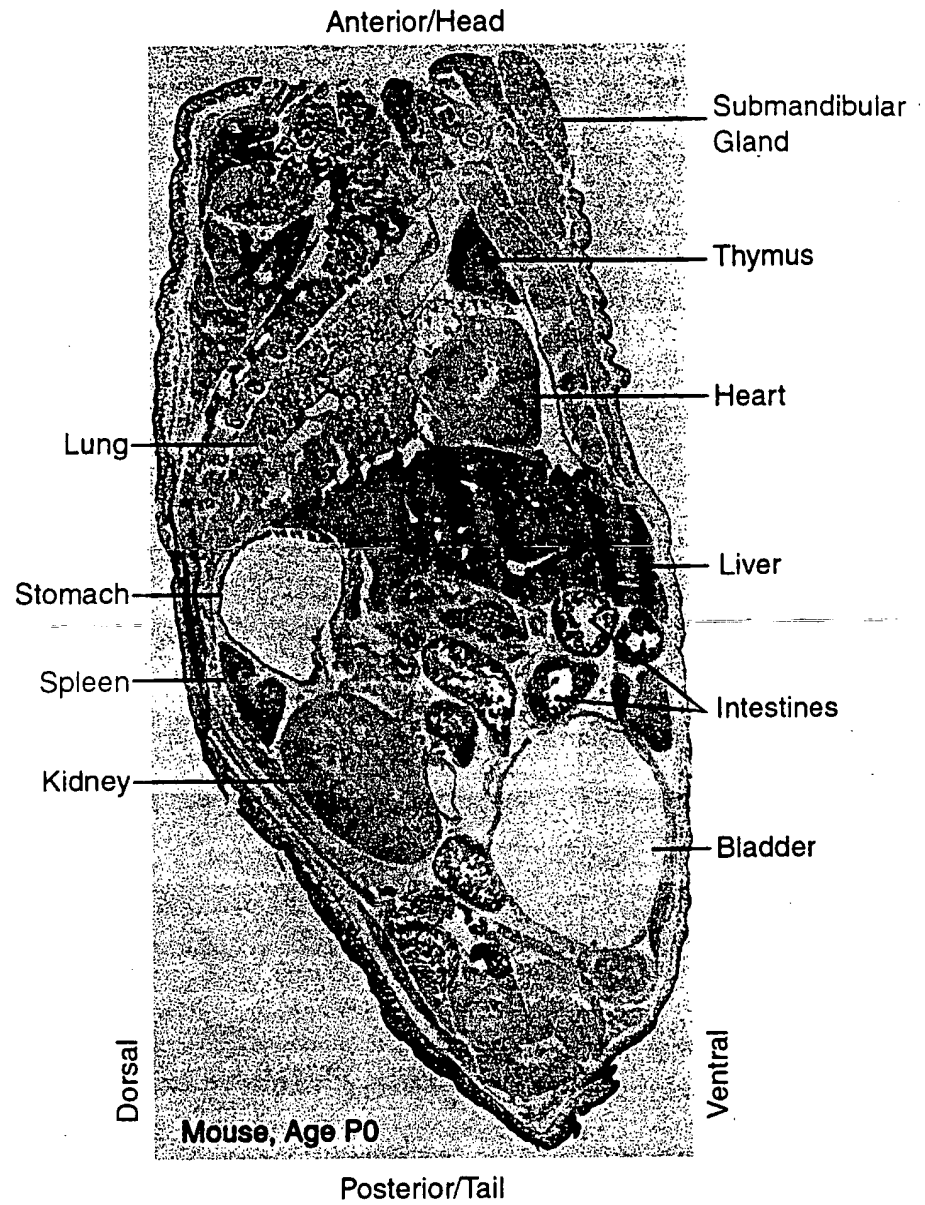


FIG. 13

mMrgB1

Skin

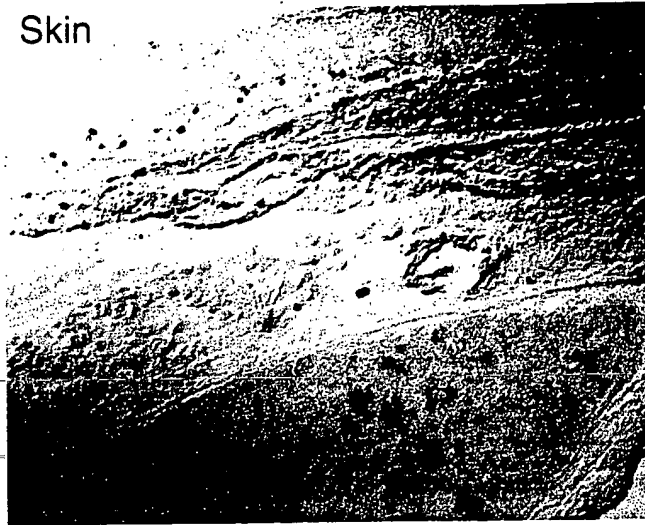


FIG. 14

00342669.031001

FOOTED" 6986496D

mMrgD in Adult DRG

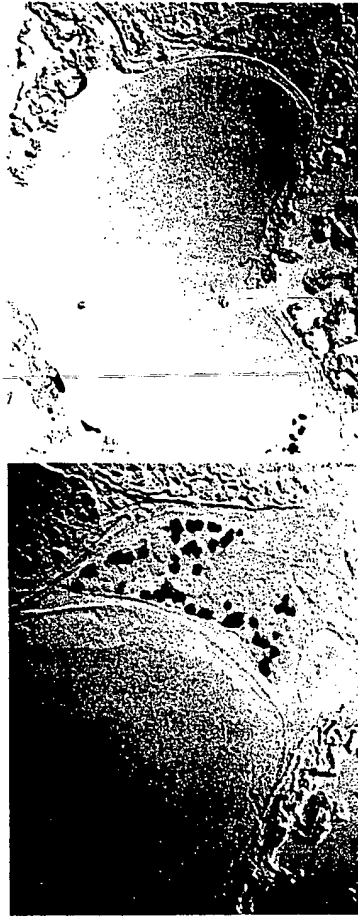


FIG. 15